

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(698251) Hex(9FA896) Hex(826A51) Hex(4F5449) Hex(D4D4D4) Hex(545454)

	Hex(698251)	Hex(9FA896)	Hex(826A51)	Hex(4F5449)	Hex(D4D4D4)	Hex(545454)
Hex(698251)		Ratio: 1.73 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(9FA896)	Ratio: 1.73 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(826A51)	Ratio: 1.19 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(4F5449)	Ratio: 1.82 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(D4D4D4)	Ratio: 2.88 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.77 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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